

Begin with the End in Mind

“In fact, looking at just the 65+ age group. The use rate/1000 for the three counties in Encompass-Salisbury’s service area is:

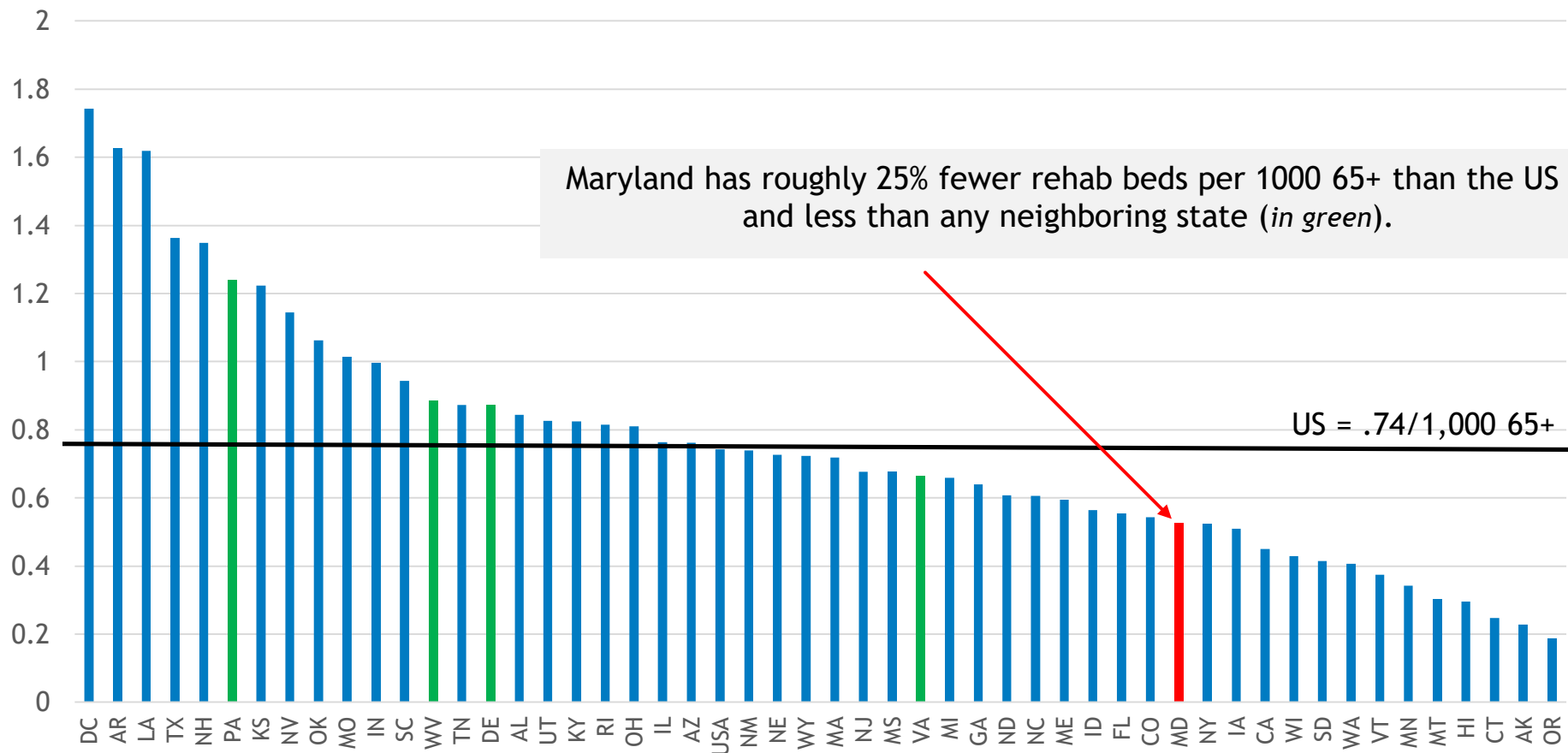
- Almost 50% higher than that of the three other mid to lower shore counties
- 278% higher than that of Montgomery County
- 294% higher than that of Central Maryland
- 249% higher than that of Western Maryland
- 435% higher than that of Southern Maryland
- And 252% higher than that of the State of Maryland

This information raises significant questions regarding why the IRF use rate in Encompass-Salisbury’s service area is so much higher than the use rates elsewhere in Maryland. We would like you to elaborate on why this disparity exists and provide an explanation as to why we should not conclude that - for some reason - there is overuse occurring in this market, and that additional beds should not be authorized in such an environment.”

October 16, 2019 Maryland Health Commission letter, page 2

Maryland Ranks Below the US on Rehab Beds per 1000 65+

Rehab Beds per 1,000 65+

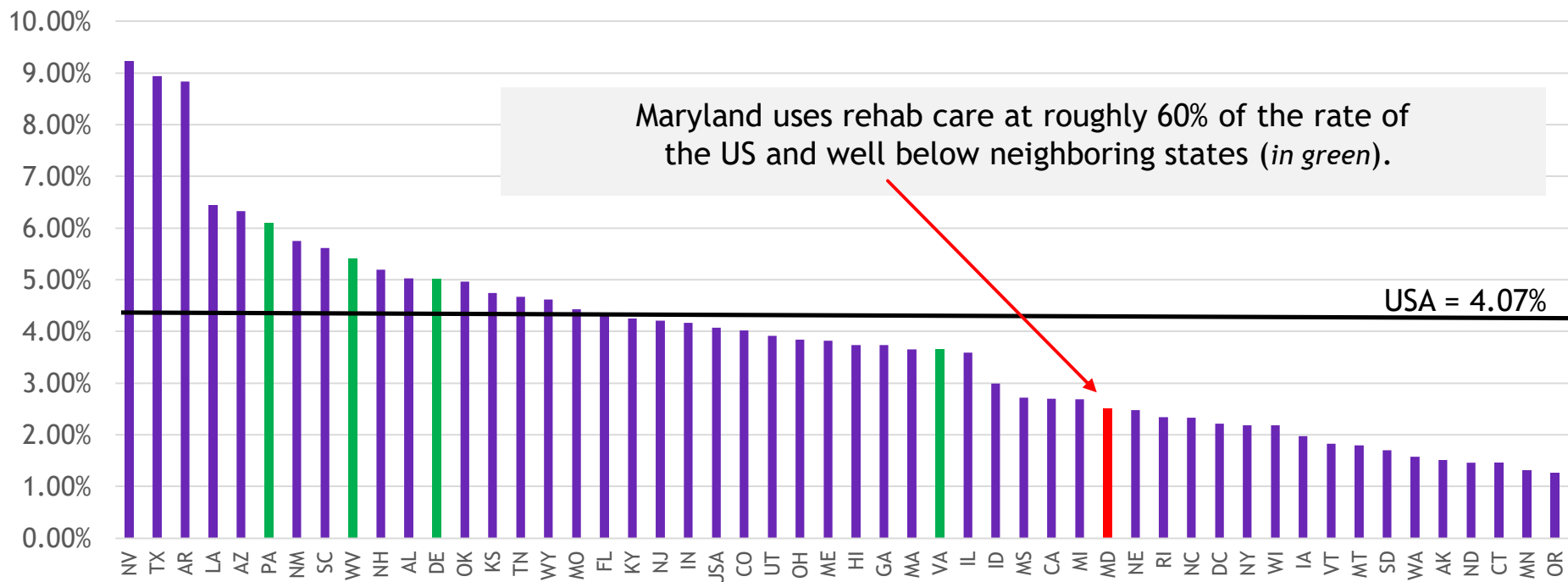


Rehab Beds: Cost Reports, other market research
Population Source: Claritas - Pop-Facts Advanced 2019

Maryland is also on the Lower Range of Rehab Utilization

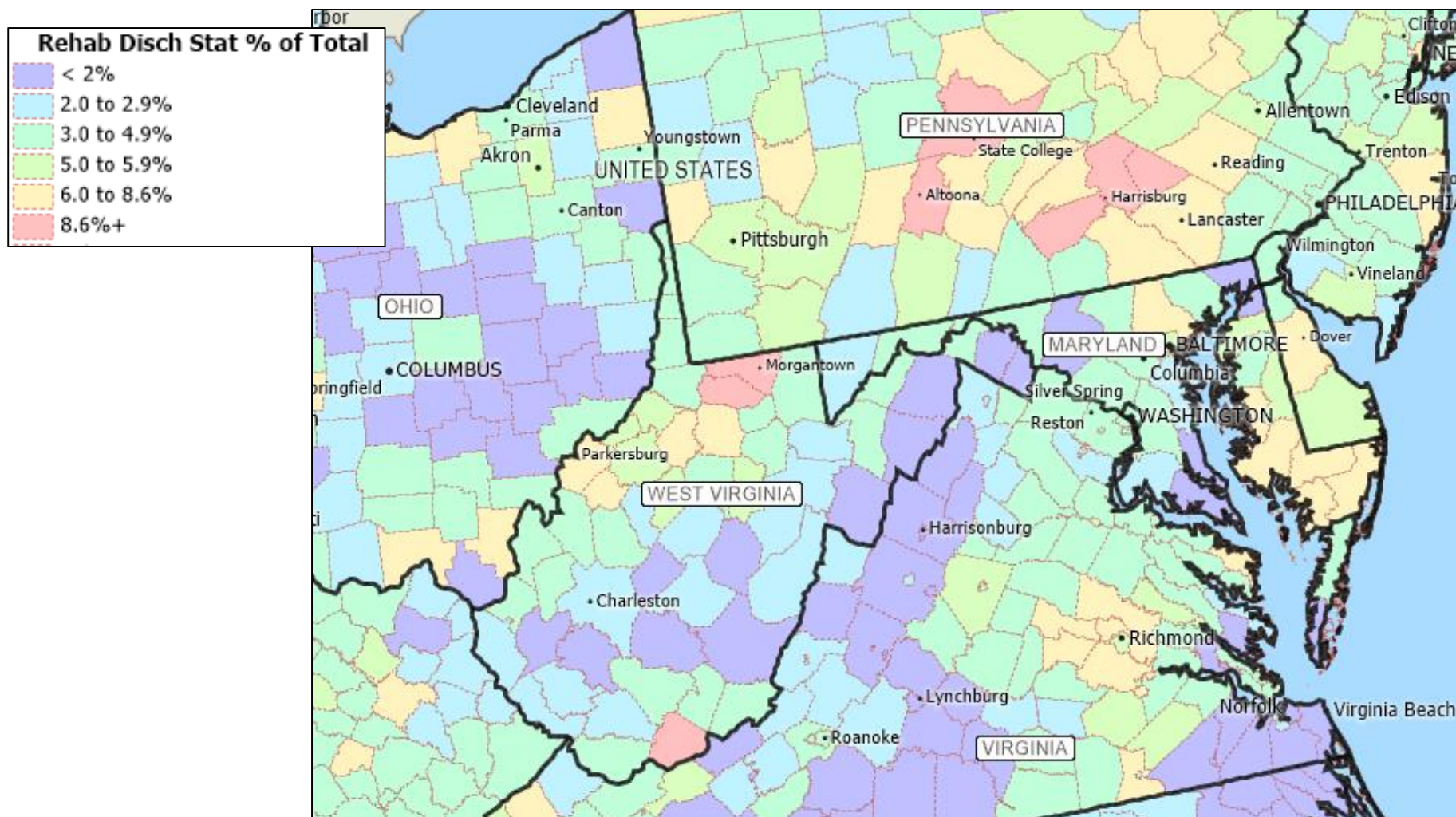
Medicare Conversion Rate to Rehab

(Medicare Rehab Discharges/Medicare Acute Discharges)



Discharge Source: Medicare Standard Analytical IP File YE 2018Q3, Md DPU's report with their anchor hospital so our analysis adds DPU volumes to more accurately calculate this metric

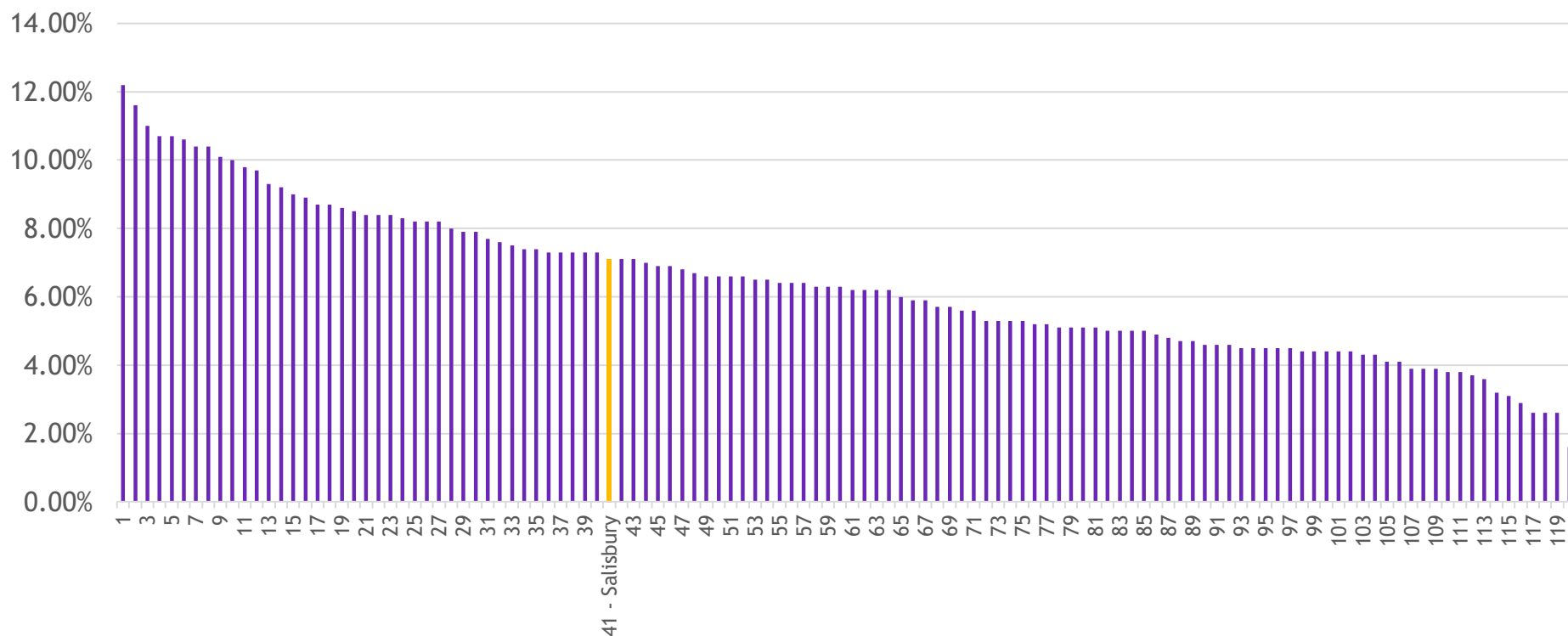
The Region Shows that the Higher Rehab Utilization Counties are Quite Common



Discharge Source: Medicare Standard Analytical IP File YE 2018Q4; Acute includes discharges from STACH and CAH and excludes alcohol and drug abuse, OB, psych and rehab product lines. Discharge status reported by acute hospital. Based on patient county of residence.

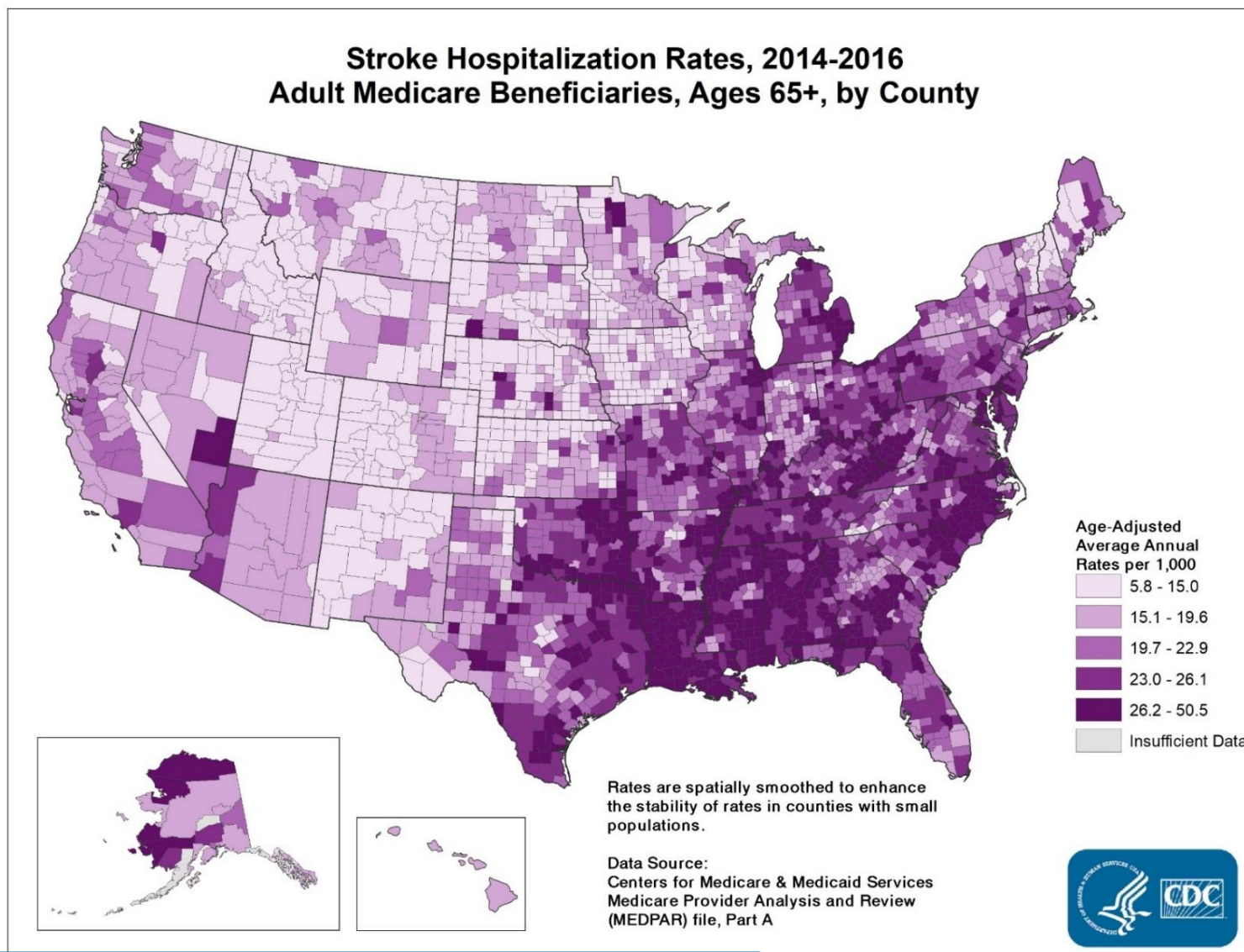
Encompass' Experience in 120 Markets Also Shows Wide Variation in Utilization, but Demonstrates the Salisbury Rates are Quite Common

Rehab Discharge Stat % of Total - Ranking



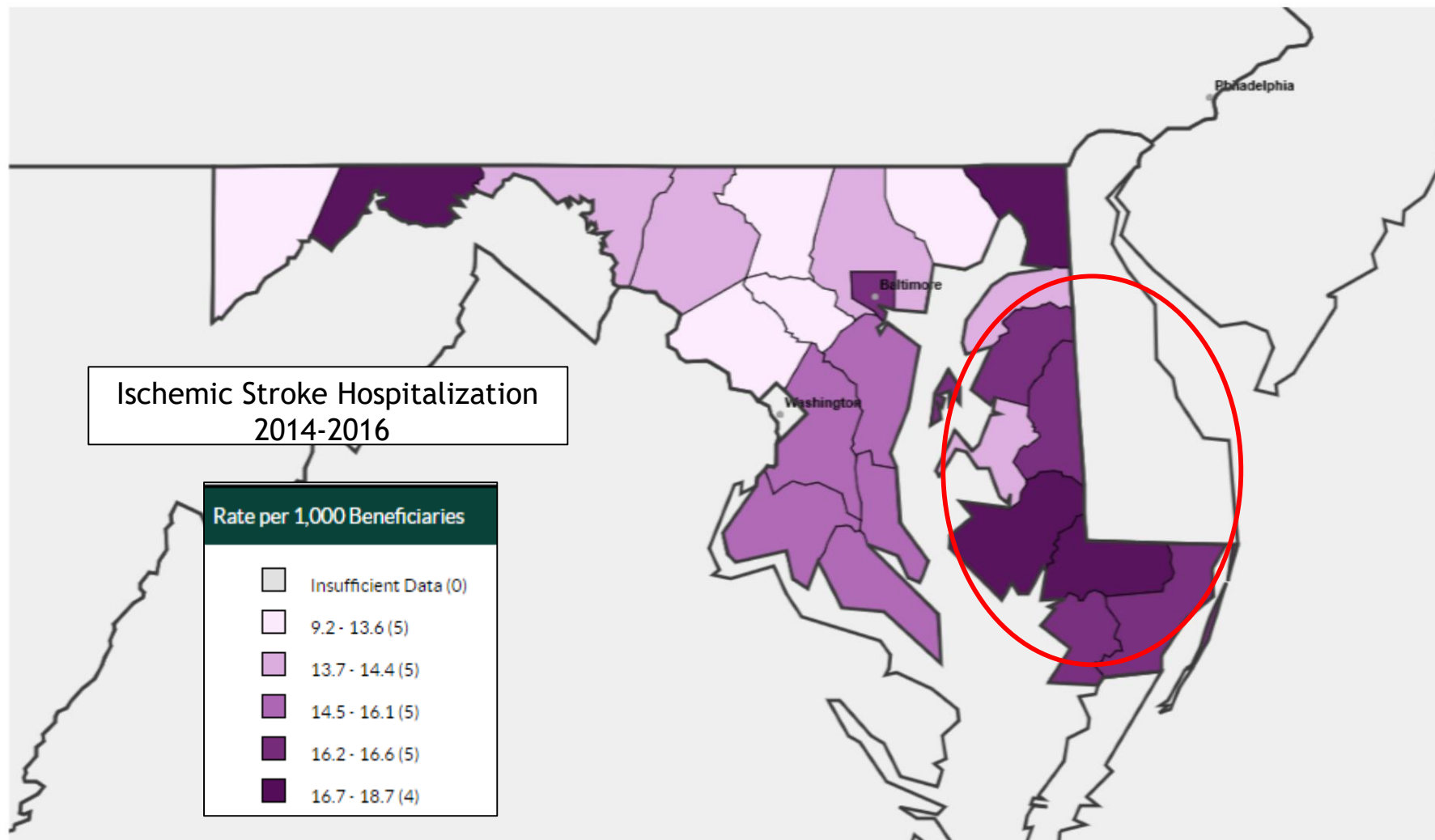
Source: Medicare Standard Analytical IP File YE 2018Q4, Encompass Health "Primary Service Areas" of 119 markets.

Underlying Community Health Also Impacts Utilization Rates



Source: Centers for Disease Control, Public Data

Highest Stroke Rates are in this Region of Maryland, Impacting Higher Use Rates for Appropriate Rehab Care



Source: Centers for Disease Control, Public Data

Licensing, Care Requirements, and Patient Acceptance Processes All Ensure that Only Appropriate Patients Can be Served in an Encompass Health IRF

Requirements of an Inpatient Rehabilitation Facility/Hospital

| | |
|--|---|
| | IRFs must satisfy regulatory/policy requirements for hospitals, including Medicare hospital conditions of participation . |
| | IRF must be TJC accredited by Medicare standards and CARF accredited by Maryland standards |
| | Medicare restricts patients that can receive IRF care to a stringent "60 % rule" ratio of "CMS 13" patient diagnoses deemed appropriate by Medicare for rehab care. |

Requirements of Care

| | |
|--|---|
| | All patients, regardless of diagnosis/condition, must demonstrate rehabilitation need, medical necessity and receive at least three hours of intensive therapy five days a week. |
| | All patients must see a rehabilitation physician "in person" three times weekly at a minimum. (5-6 times a week in Salisbury) |
| | IRFs are required to provide 24 hour, 7 day per week nursing care , many nurses are RN's and CRRN's (Certified Rehabilitation Registered Nurses). |
| | IRFs are required to use a coordinated inter-disciplinary team approach led by a rehab physician; includes a rehab nurse, a case manager, a licensed occupational therapist and a licensed physical therapist, who must meet weekly to evaluate/discuss each patients case. (In addition a licensed speech therapist, dietician and pharmacist may participate depending on patient needs) |

Requirements for Patient Acceptance

| | |
|--|--|
| | IRFs are required to follow stringent admission/coverage policies and must carefully document justification for each admission. |
| | Most patients are referred by acute care hospitals with review of their discharge planning staff and physician order . |
| | All patients must be approved by a rehabilitation physician. A decision to use inpatient rehab care is solely at the direction of a physician. |
| | Medicare requires an IRF to conduct pre-admission screening by a licensed healthcare professional of any patient to assure they are clinically deemed to benefit from intensive rehab care. |
| | An additional assessment is performed with in 24 hours of admission by the rehabilitation physician of all admissions, referred to as the PAPE. |
| | Third party payers have stringent approval processes requiring pre-approval by their own clinical experts. |
| | Medicare reviews patients post IRF stay and can deny payment after the patient is discharged . |
| | Encompass Salisbury currently admits patients at a 45% conversion rate meaning for every 1,000 referrals, 450 are accepted for admission by our Medical Staff |

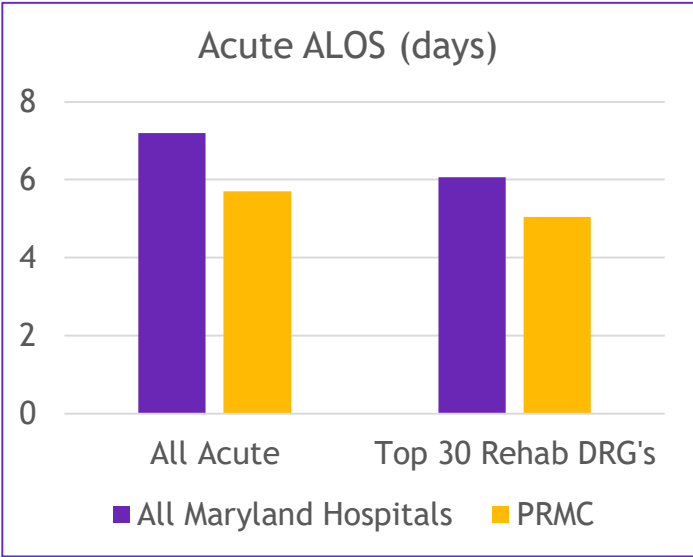
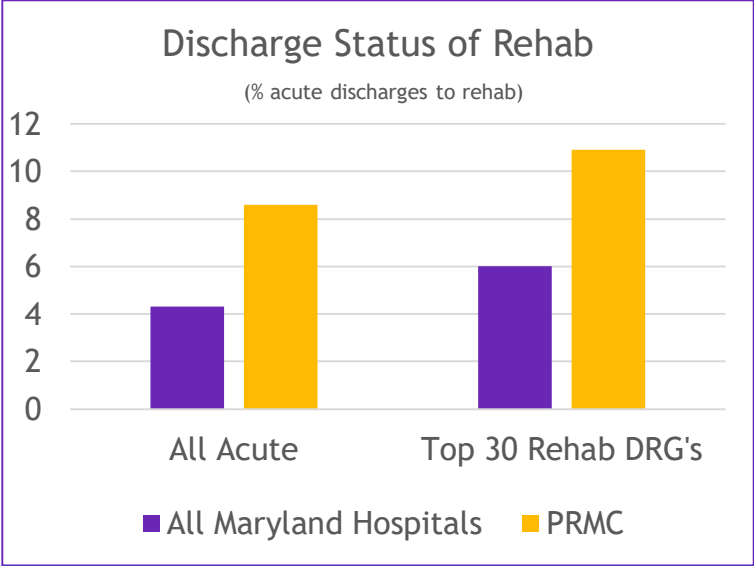
Rehabilitation Hospitals: A Different Level of Service

| Inpatient rehabilitation hospital | Nursing home |
|---|--|
| Average length of stay = 12.7 days | Average length of stay = 38.4 days |
| Requirements: | Requirements: |
| IRFs must also satisfy <u>regulatory/policy requirements for hospitals</u> , including Medicare hospital conditions of participation. | <u>No similar requirement</u> ; Nursing homes are regulated as nursing homes only |
| <u>All patients</u> must be approved by a rehab physician. | <u>No similar requirement</u> |
| <u>All patients</u> , regardless of diagnoses/condition, must demonstrate need and receive at least three hours of daily intensive therapy. | <u>No similar requirement</u> |
| All patients must see a rehabilitation physician “in person” <u>at least three times weekly</u> . | <u>No similar requirement</u> ; some SNF patients may go a week or longer without seeing a physician, and often a non-rehabilitation physician. |
| IRFs are required to provide <u>24 hour, 7 days per week</u> nursing care; many nurses are RNs and rehab nurses. | <u>No similar requirement</u> |
| IRFs are required to use a coordinated <u>interdisciplinary team</u> approach led by a rehab physician; includes a rehab nurse, a case manager, and a licensed therapist from each therapy discipline who must meet weekly to evaluate/discuss each patient’s case. | <u>No similar requirement</u> ; Nursing homes are not required to provide care on an interdisciplinary basis and are not required to hold regular meetings for each patient. |
| IRFs are required to follow <u>stringent admission/coverage policies</u> and must carefully document justification for each admission; further restricted in number/type of patients (60% Rule). | Nursing homes have comparatively few policies governing the number or types of patients they treat. |

The Transfer of Peninsula Regional Hospital’s (PRMC) Discharged Patients for the Inpatient Rehab Care Provided at EHRHS Has Lowered PRMC’s Acute ALOS Below that of Maryland Acute ALOS

PRMC Top 10 Acute Care DRG’s Discharged to Rehab

| DRG | DRG_Desc |
|-----|--|
| 65 | Intracranial hemorrhage or cerebral infarction w CC or TPA |
| 470 | Major hip & knee replacement or reattach lower extremity w/o |
| 871 | Septicemia or severe sepsis w/o MV >96 hours w MCC |
| 189 | Pulmonary edema & respiratory failure |
| 64 | Intracranial hemorrhage or cerebral infarction w MCC |
| 481 | Hip & femur procedures except major joint w CC |
| 872 | Septicemia or severe sepsis w/o MV >96 hours w/o MCC |
| 641 | Misc disorders of nutrition,metabolism,fluids/electrolytes w |
| 291 | Heart failure & shock w MCC or peripheral ECMO |
| 690 | Kidney & urinary tract infections w/o MCC |



Discharge Source: Medicare Standard Analytical IP File YE 2018Q4, discharge status of acute patient reported in claim file.

Independent Research Concludes Inpatient Rehabilitation is the Optimal Post Acute Care for Stroke Patients

AHA/ASA Guideline

Guidelines for Adult Stroke Rehabilitation and Recovery A Guideline for Healthcare Professionals From the American Heart Association/American Stroke Association

Endorsed by the American Academy of Physical Medicine and Rehabilitation and the American Society of Neurorehabilitation

The American Academy of Neurology affirms the value of this guideline as an educational tool for neurologists and the American Congress of Rehabilitation Medicine also affirms the educational value of these guidelines for its members

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Richard D. Zorowitz, MD; on behalf of the American Heart Association Stroke Council, Council on Cardiovascular and Stroke Nursing, Council on Clinical Cardiology, and Council on Quality of Care and Outcomes Research

Purpose—The aim of this guideline is to provide a synopsis of best clinical practices in the rehabilitative care of adults recovering from stroke.

Methods—Writing group members were nominated by the committee chair on the basis of their previous work in relevant topic areas and were approved by the American Heart Association (AHA) Stroke Council's Scientific Statement Oversight Committee and the AHA's Manuscript Oversight Committee. The panel reviewed relevant articles on adults using computerized searches of the medical literature through 2014. The evidence is organized within the context of the AHA framework and is classified according to the joint AHA/American College of Cardiology and supplementary AHA methods of classifying the level of certainty and the class and level of evidence. The document underwent extensive AHA internal and external peer review, Stroke Council Leadership review, and Scientific Statements Oversight Committee review before consideration and approval by the AHA Science Advisory and Coordinating Committee.

Results—Stroke rehabilitation requires a sustained and coordinated effort from a large team, including the patient and his or her goals, family and friends, other caregivers (eg, personal care attendants), physicians, nurses, physical and occupational therapists, speech-language pathologists, recreation therapists, psychologists, nutritionists, social workers, and others. Communication and coordination among these team members are paramount in maximizing the effectiveness and efficiency of rehabilitation and underlie this entire guideline. Without communication and coordination, isolated efforts to rehabilitate the stroke survivor are unlikely to achieve their full potential.

The American Heart Association makes every effort to avoid any actual or potential conflicts of interest that may arise as a result of an outside relationship or a personal, professional, or business interest of a member of the writing panel. Specifically, all members of the writing group are required to complete and submit a Disclosure Questionnaire showing all such relationships that might be perceived as real or potential conflicts of interest.

This guideline was approved by the American Heart Association Science Advisory and Coordinating Committee on January 4, 2016, and the American Heart Association Executive Committee on February 23, 2016. A copy of the document is available at <http://professional.heart.org/statements> by using either "Search for Guidelines & Statements" or the "Browse by Topic" area. To purchase additional reprints, call 843-216-2533 or e-mail kelle.kunay@wolterskluwer.com.

The American Heart Association requests that this document be cited as follows: Winstein CJ, Stein J, Arena R, Bates B, Chermey LR, Cramer SC, Deruyter F, Eng JJ, Fisher B, Harvey RL, Lang CE, MacKay-Lyons M, Ottenbacher KJ, Pugh S, Reeves MJ, Richards LG, Stiers W, Zorowitz RD; on behalf of the American Heart Association Stroke Council, Council on Cardiovascular and Stroke Nursing, Council on Clinical Cardiology, and Council on Quality of Care and Outcomes Research. Guidelines for adult stroke rehabilitation and recovery: a guideline for healthcare professionals from the American Heart Association/American Stroke Association. *Stroke*. 2016;47:e98-e169. DOI: 10.1161/STR.0000000000000098.

Expert peer review of AHA Scientific Statements is conducted by the AHA Office of Science Operations. For more on AHA statements and guidelines development, visit <http://professional.heart.org/statements>. Select the "Guidelines & Statements" drop-down menu, then click "Publication Development."

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"Whenever possible, the American Stroke Association strongly recommends that stroke patients be treated at an inpatient rehabilitation facility. While in an inpatient rehabilitation facility, a patient participates in at least three hours of rehabilitation a day from physical therapists, occupational therapists, and speech therapists. Nurses are continuously available and doctors typically visit daily."*

"The studies that have compared outcomes in hospitalized stroke patients ... have generally shown that IRF patients have higher rates of return to community living and greater functional recovery."**

Discharge Status of Medicare Acute Patients

% Discharged to Rehab

| Patient County | Rehab | % to Rehab |
|------------------------|-------------|-------------|
| Wicomico County | 365 | 8.1% |
| Worcester County | 210 | 7.9% |
| Baltimore County | 2241 | 6.2% |
| Talbot County | 122 | 6.1% |
| Dorchester County | 103 | 6.0% |
| Somerset County | 77 | 6.0% |
| Montgomery County | 1254 | 5.4% |
| Baltimore city | 1517 | 5.2% |
| Caroline County | 61 | 5.0% |
| Allegany County | 194 | 4.4% |
| Howard County | 251 | 3.9% |
| Kent County | 40 | 3.8% |
| Queen Anne's County | 59 | 3.8% |
| Washington County | 211 | 3.3% |
| Harford County | 297 | 3.2% |
| Carroll County | 228 | 3.0% |
| Prince George's County | 646 | 3.0% |
| Anne Arundel County | 379 | 2.1% |
| Charles County | 63 | 1.6% |
| Cecil County | 48 | 1.6% |
| Frederick County | 113 | 1.6% |
| Calvert County | 36 | 1.3% |
| Garrett County | 8 | 0.9% |
| St. Mary's County | 25 | 0.8% |
| | 8548 | 4.3% |

% Discharged to SNF

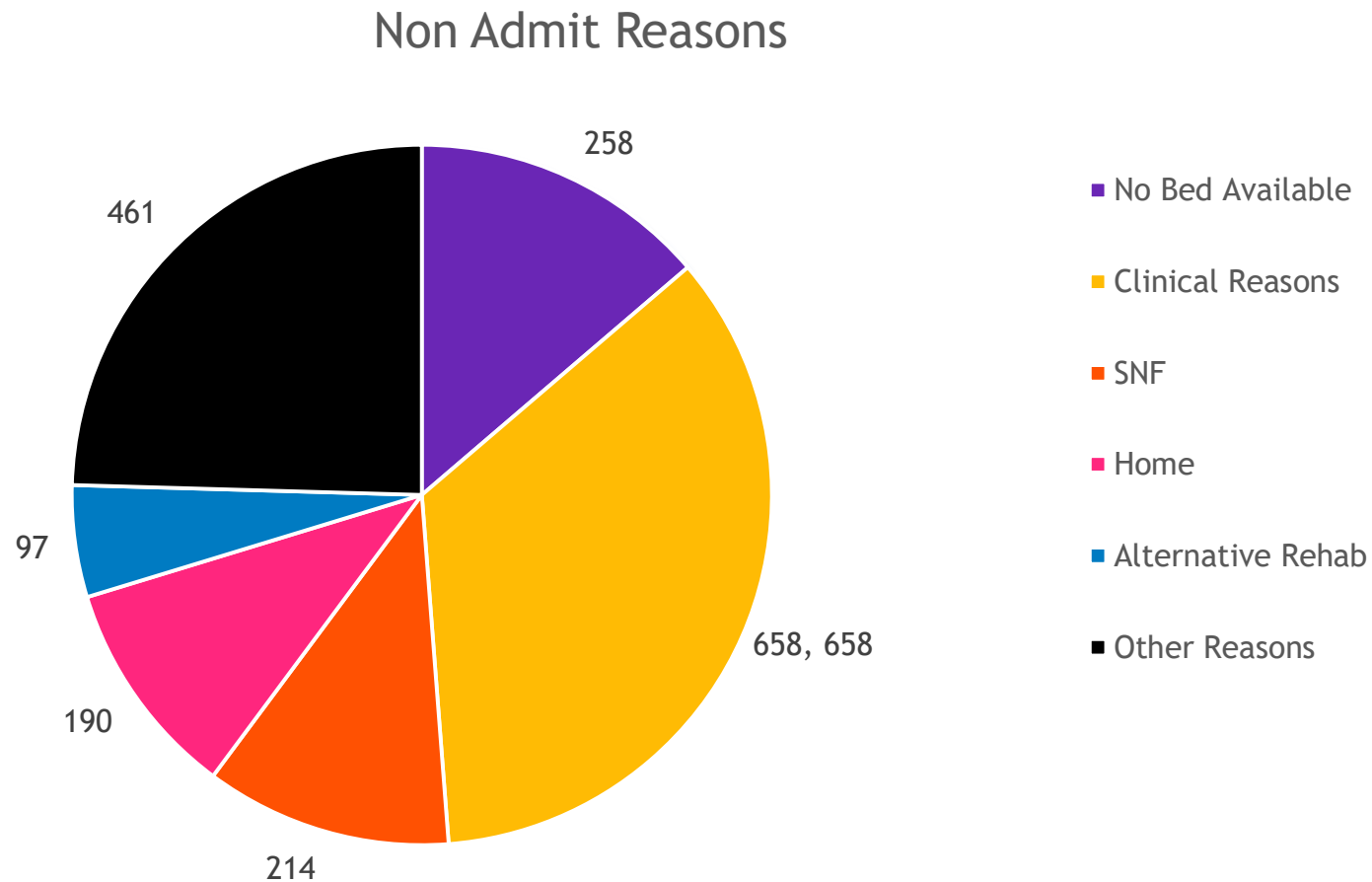
| Patient County | ICF/SNF | % to SNF |
|------------------------|--------------|--------------|
| Garrett County | 263 | 28.5% |
| Montgomery County | 6438 | 28.0% |
| Kent County | 274 | 26.3% |
| Frederick County | 1792 | 24.6% |
| Washington County | 1536 | 24.2% |
| Allegany County | 1022 | 23.1% |
| Howard County | 1489 | 23.1% |
| Charles County | 896 | 22.7% |
| Caroline County | 272 | 22.4% |
| Harford County | 2042 | 22.2% |
| Cecil County | 666 | 22.1% |
| Dorchester County | 374 | 21.8% |
| Prince George's County | 4657 | 21.6% |
| Anne Arundel County | 3980 | 21.6% |
| Baltimore County | 7832 | 21.5% |
| Baltimore city | 6178 | 21.3% |
| St. Mary's County | 625 | 21.1% |
| Somerset County | 266 | 20.7% |
| Talbot County | 404 | 20.3% |
| Carroll County | 1517 | 20.2% |
| Worcester County | 529 | 20.0% |
| Queen Anne's County | 305 | 19.8% |
| Calvert County | 540 | 19.7% |
| Wicomico County | 855 | 19.0% |
| | 44752 | 22.5% |

% Discharged to Post Acute (SNF or Rehab)

| Patient County | % to post acute |
|------------------------|-----------------|
| Garrett County | 44.9% |
| Montgomery County | 41.0% |
| Dorchester County | 38.3% |
| Kent County | 37.9% |
| Allegany County | 37.2% |
| Washington County | 36.6% |
| Baltimore County | 35.3% |
| Howard County | 34.6% |
| Talbot County | 33.9% |
| Baltimore city | 33.9% |
| Cecil County | 32.9% |
| Wicomico County | 32.7% |
| Worcester County | 32.6% |
| Queen Anne's County | 32.5% |
| Somerset County | 32.1% |
| Caroline County | 32.0% |
| Harford County | 31.9% |
| Prince George's County | 31.2% |
| Frederick County | 31.2% |
| Carroll County | 31.0% |
| Charles County | 29.4% |
| Anne Arundel County | 29.3% |
| St. Mary's County | 27.2% |
| Calvert County | 25.1% |

Discharge Source: Medicare Standard Analytical IP File YE 2018Q4, discharge status of acute patient reported in claim file by patient county of residence.

55% of Patients Referred to EHSRH are not Admitted for Rehab Care



Source: EHSRH Internal Reporting, YTD through Nov 13, 2019, annual estimate is *that 300 patients will be turned away in 2019* due to “no bed available”.

EHRHS Currently Operates at 93% Occupancy Limiting its Ability to Serve Patients Today and in the Future

| <u>Provider Name</u> | <u>Period</u> | <u>Year</u> | <u>Patient Days</u> | <u>Proposed Beds</u> | <u>Occupancy Rates</u> |
|----------------------|---------------|-------------|---------------------|----------------------|------------------------|
| EHRHS | CY | 2018 | 21144 | 64 | 90.5% |
| | | 2019 | 21669 | 64 | 92.8% |
| | | 2020 | 22010 | 64 | 94.2% |
| | | 2021 | 23499 | 74 | 87.0% |
| | | 2022 | 23919 | 74 | 88.6% |
| Shore Health | FY | 2018 | 3510 | 20 | 48.1% |
| | | 2019 | 3650 | 13 | 76.9% |
| | | 2020 | 3509 | 14 | 68.7% |
| | | 2021 | 3559 | 13 | 75.0% |
| | | 2022 | 3610 | 14 | 70.6% |
| TOTAL | | 2018 | 24654 | 84 | 80.4% |
| | | 2019 | 25319 | 77 | 90.1% |
| | | 2020 | 25519 | 78 | 89.6% |
| | | 2021 | 27058 | 87 | 85.2% |
| | | 2022 | 27529 | 88 | 85.7% |

2019 YTD EHRHS volumes are on track with the projections made in the CON.

While not expected, a 10% decline in utilization rates would still leave EHRHS operating above the 79% occupancy guideline.

Source: Final Submitted CON Application, EHRHS; Shore Health Easton CON Application